LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100121\
Data File : BN016693.D
Acq On : 03 Oct 2021 05:48
Operator : CG/JU
Sample : M3892-08
Misc :
ALS Vial : 61 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : S-823-N-SO-1-1.5-092221

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100121.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BN016693.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	7.642	490	495	500	rBV	54067	112263	1.25%	0.141%
2	7.937	522	527	532	rVB	343635	610845	6.80%	0.766%
3	10.191	713	716	723	rBV	74782	142088	1.58%	0.178%
4	10.406	729	733	735	rBV	114499	200606	2.23%	0.252%
5	12.886	1071	1074	1078	rBV	99131	158092	1.76%	0.198%
6	14.269	1180	1183	1186	rBV	162162	238766	2.66%	0.299%
7	14.332	1186	1188	1192	rVB3	63560	121042	1.35%	0.152%
8	16.007	1317	1320	1322	rVB	253511	306561	3.41%	0.384%
9	17.017	1400	1403	1405	rBV	131409	237634	2.65%	0.298%
10	17.066	1405	1407	1410	rVV	607074	882009	9.82%	1.106%
11	17.151	1411	1414	1417	rVB	277959	393911	4.39%	0.494%
12	18.998	1672	1683	1688	rBV2	41979	89952	1.00%	0.113%
13	19.097	1688	1703	1713	rBV	6185773	8977760	100.00%	11.256%
14	19.197	1719	1723	1728	rVB	70963	94966	1.06%	0.119%
15	19.321	1744	1748	1752	rBV2	61799	90165	1.00%	0.113%
16	19.460	1765	1776	1787	rBV	5570535	8695141	96.85%	10.902%
17	19.644	1800	1813	1816	rVV	54791	112077	1.25%	0.141%
18	19.678	1816	1820	1822	rVV	116758	158202	1.76%	0.198%
19	19.708	1822	1826	1833	rVV	164558	244385	2.72%	0.306%
20	19.917	1856	1868	1873	rVV3	51557	115179	1.28%	0.144%
21	20.112	1893	1896	1898	rBV2	121375	211740	2.36%	0.265%
22	20.155	1898	1900	1902	rVB	144739	180382	2.01%	0.226%
23	20.707	1950	1952	1956	rVB2	102376	213216	2.37%	0.267%
24	20.877	1963	1968	1970	rBV2	139711	343376	3.82%	0.431%
25	20.919	1970	1972	1973	rVV	582173	681156	7.59%	0.854%
26	20.951	1973	1975	1979	rVB2	588152	1161303	12.94%	1.456%
27	21.100	1987	1989	1992	rBV2	43187	117421	1.31%	0.147%
28	21.217	1997	2000	2002	rVV	4499925	6838608	76.17%	8.574%
29	21.270	2002	2005	2010	rVB	3696713	5926164	66.01%	7.430%
30	21.387	2014	2016	2019	rBV	1132123	1440391	16.04%	1.806%
31	21.599	2034	2036	2041	rVB4	59093	106689	1.19%	0.134%
32	21.737	2046	2049	2050	rVV	72097	127316	1.42%	0.160%
33	21.790	2050	2054	2056	rVV2	154275	345630	3.85%	0.433%
34	21.843	2056	2059	2061	rVV	124894	281687	3.14%	0.353%
35	21.939	2064	2068	2070	rVV3	357517	810807	9.03%	1.017%
36	21.981	2070	2072	2074	rVV	322197	607206	6.76%	0.761%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100121\
Data File : BN016693.D
Acq On : 03 Oct 2021 05:48
Operator : CG/JU
Sample : M3892-08
Misc :
ALS Vial : 61 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : S-823-N-SO-1-1.5-092221

Integration Parameters: rteint.p
Integrator: RTE
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Sampling : 1 Min Area: 1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100121.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	22.013	2074	2075	2078	rVV	475577	702442	7.82%	0.881%
38	22.098	2078	2083	2087	rVV3	204064	496164	5.53%	0.622%
39	22.172	2087	2090	2095	rVV	94383	225426	2.51%	0.283%
40	22.257	2095	2098	2102	rVV2	148864	425091	4.73%	0.533%
41	22.321	2102	2104	2108	rVV2	112845	292739	3.26%	0.367%
42	22.395	2108	2111	2113	rVB2	84588	120922	1.35%	0.152%
43	22.564	2148	2158	2175	rVB2	245363	414040	4.61%	0.519%
44	22.728	2197	2206	2217	rBV	149706	262411	2.92%	0.329%
45	22.820	2218	2233	2241	rBV	3319239	8152250	90.80%	10.221%
46	22.985	2271	2281	2312	rVB	865987	1594362	17.76%	1.999%
47	23.186	2331	2340	2345	rBV	76269	163210	1.82%	0.205%
48	23.299	2360	2373	2388	rBV	2095612	3971749	44.24%	4.980%
49	23.395	2388	2401	2418	rVB	3112364	5905928	65.78%	7.405%
50	23.491	2419	2429	2433	rBV2	136523	250798	2.79%	0.314%
51	23.539	2433	2443	2458	rVB	1073160	2076832	23.13%	2.604%
52	23.772	2495	2511	2514	rBV3	102339	288771	3.22%	0.362%
53	24.189	2622	2633	2655	rVB2	139769	366289	4.08%	0.459%
54	24.367	2674	2685	2698	rVB	166680	349227	3.89%	0.438%
55	24.600	2741	2753	2769	rBV	97054	241716	2.69%	0.303%
56	25.090	2886	2896	2908	rVV3	94668	234256	2.61%	0.294%
57	25.182	2910	2923	2936	rVV4	76678	231978	2.58%	0.291%
58	25.483	2995	3011	3018	rBV2	273791	760436	8.47%	0.953%
59	25.689	3062	3071	3081	rBV	127076	275060	3.06%	0.345%
60	25.778	3081	3097	3119	rVB2	1427582	4323973	48.16%	5.421%
61	25.897	3121	3132	3159	rVB3	154043	512213	5.71%	0.642%
62	26.051	3161	3177	3190	rBV	320960	913806	10.18%	1.146%
63	26.144	3192	3204	3218	rBV	201516	538905	6.00%	0.676%
64	26.479	3280	3302	3333	rBV	946132	3302104	36.78%	4.140%
65	26.846	3392	3409	3453	rVB2	297852	990559	11.03%	1.242%

Sum of corrected areas: 79758393

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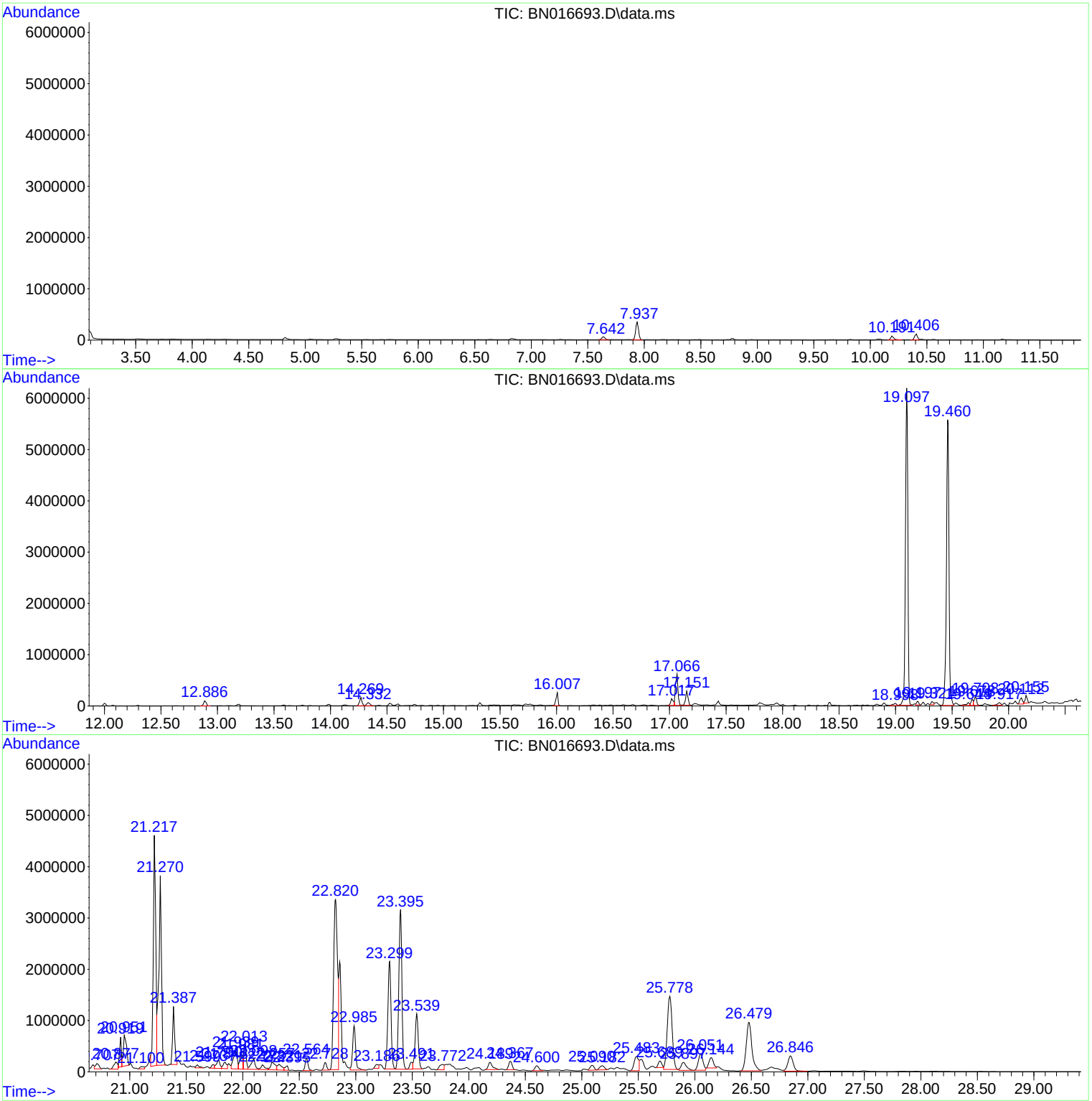
ClientSampleId :
S-823-N-SO-1-1.5-092221

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

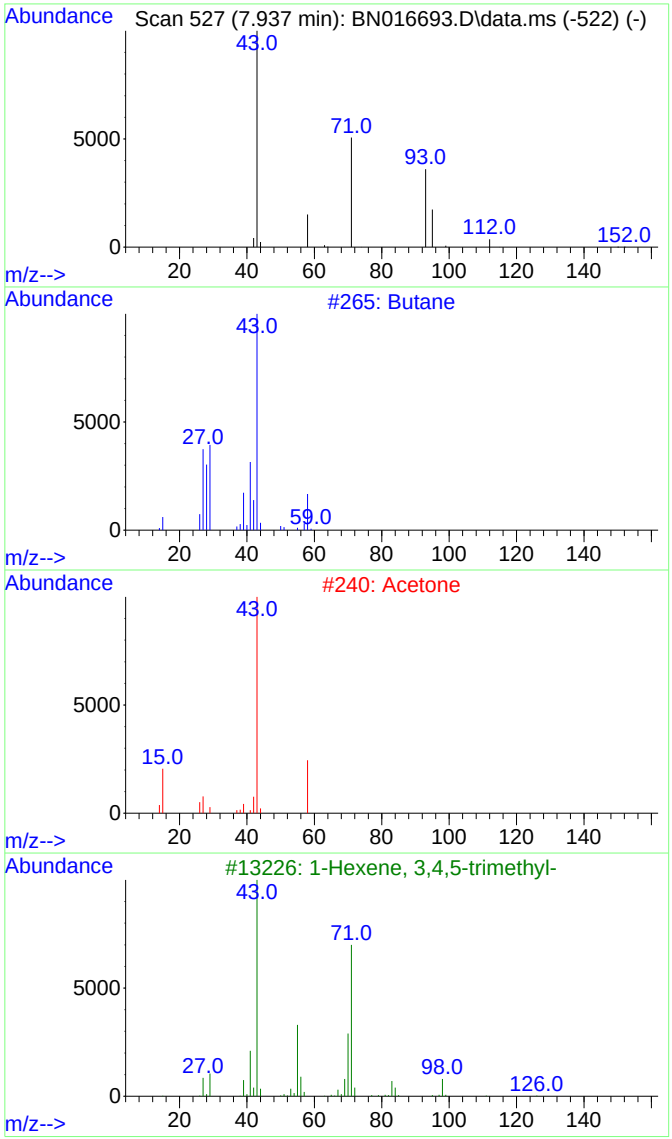
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

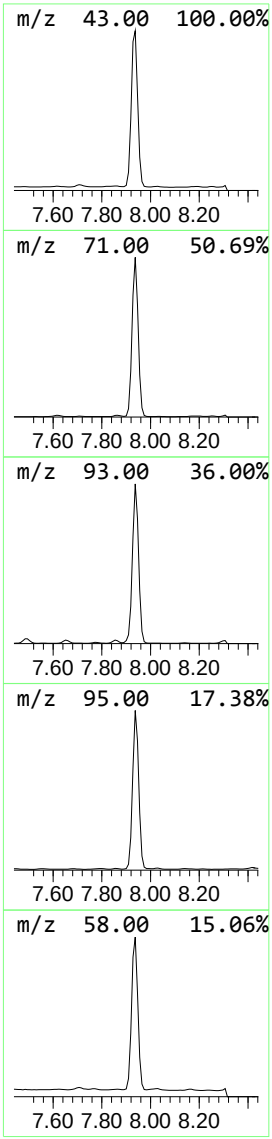
****

Peak Number 1 Butane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.937	2.18 ng	610845	1,4-Dichlorobenzene-d4	7.642

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane	58	C4H10	000106-97-8	4
2	Acetone	58	C3H6O	000067-64-1	4
3	1-Hexene, 3,4,5-trimethyl-	126	C9H18	056728-10-0	4
4	Azetidine, 1-methyl-	71	C4H9N	004923-79-9	3
5	Azetidine, 2-methyl-	71	C4H9N	019812-49-8	3





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Instrument :
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ClientSampleId :
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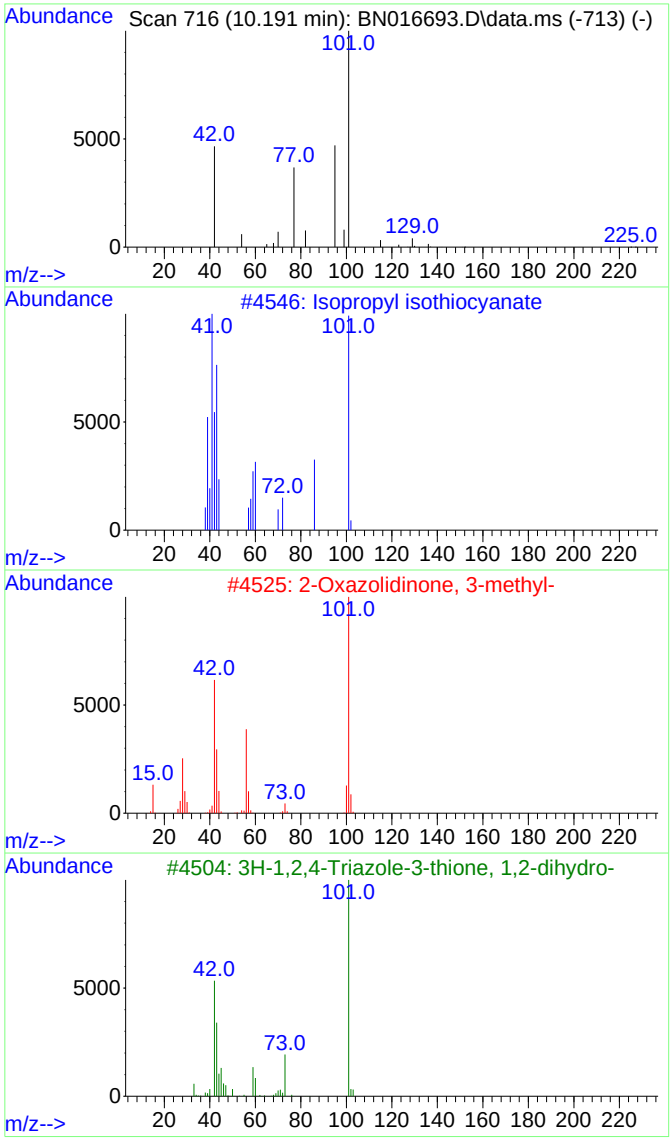
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

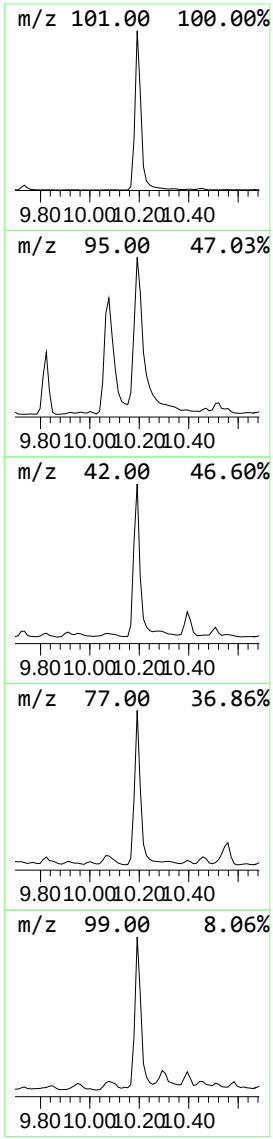
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Isopropyl isothiocyanate Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.191	0.28 ng	142088	Naphthalene-d8	10.406

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropyl isothiocyanate	101	C4H7NS	002253-73-8	9
2	2-Oxazolidinone, 3-methyl-	101	C4H7NO2	019836-78-3	5
3	3H-1,2,4-Triazole-3-thione, 1,2-...	101	C2H3N3S	003179-31-5	5
4	Propane, 1-isothiocyanato-	101	C4H7NS	000628-30-8	5
5	3-Aminopropionitrile	70	C3H6N2	000151-18-8	4





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Sample : M3892-08
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ALS Vial : 61 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

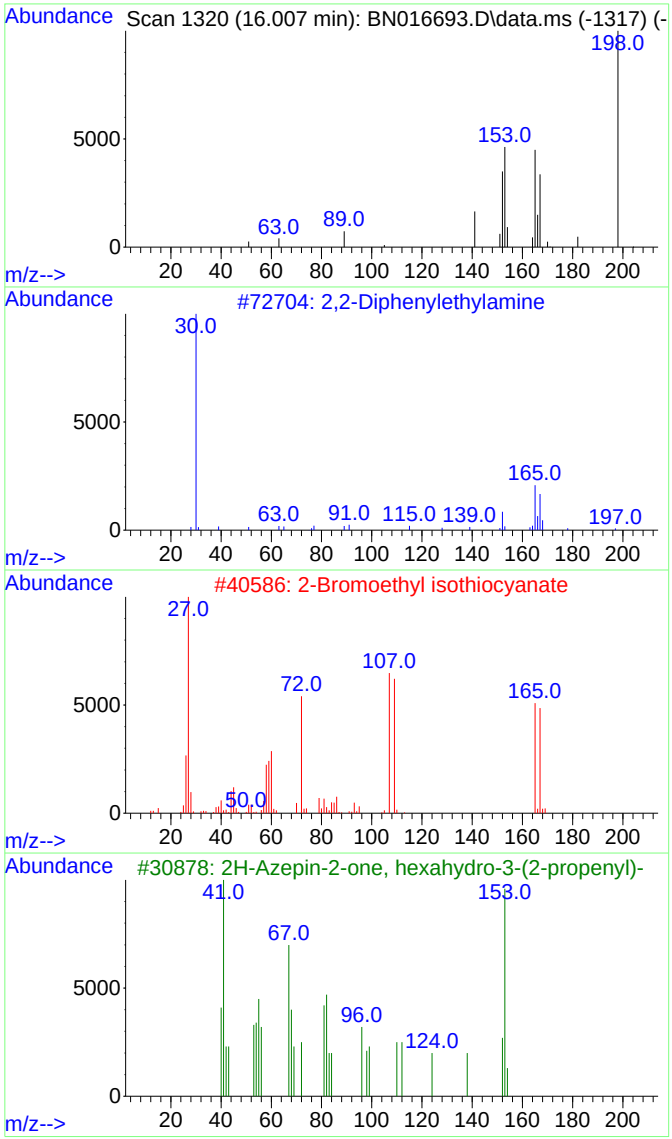
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

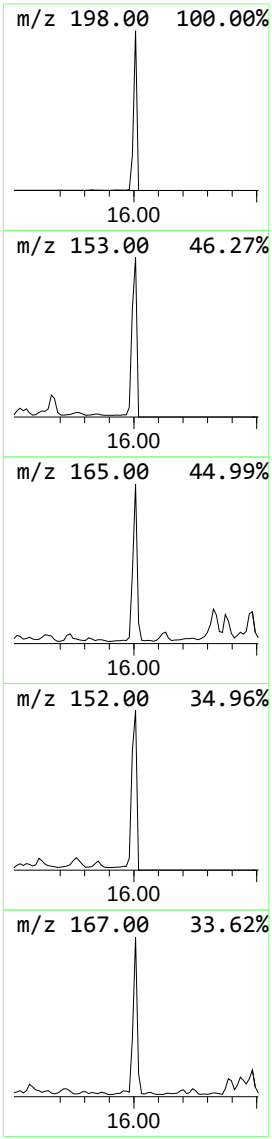
****

Peak Number 3 2,2-Diphenylethylamine Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.007	0.52 ng	306561	Phenanthrene-d10	17.017

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2-Diphenylethylamine	197	C14H15N	003963-62-0	16
2	2-Bromoethyl isothiocyanate	165	C3H4BrNS	001483-41-6	5
3	2H-Azepin-2-one, hexahydro-3-(2-...	153	C9H15NO	029559-34-0	5
4	1-Methyl-1,8-diazaundecan-2,9-dione	198	C10H18N2O2	1000298-94-5	4
5	Z-2-Propenoic acid, 3-iodo-	198	C3H3IO2	1000308-86-8	4





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ALS Vial : 61 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100121.M
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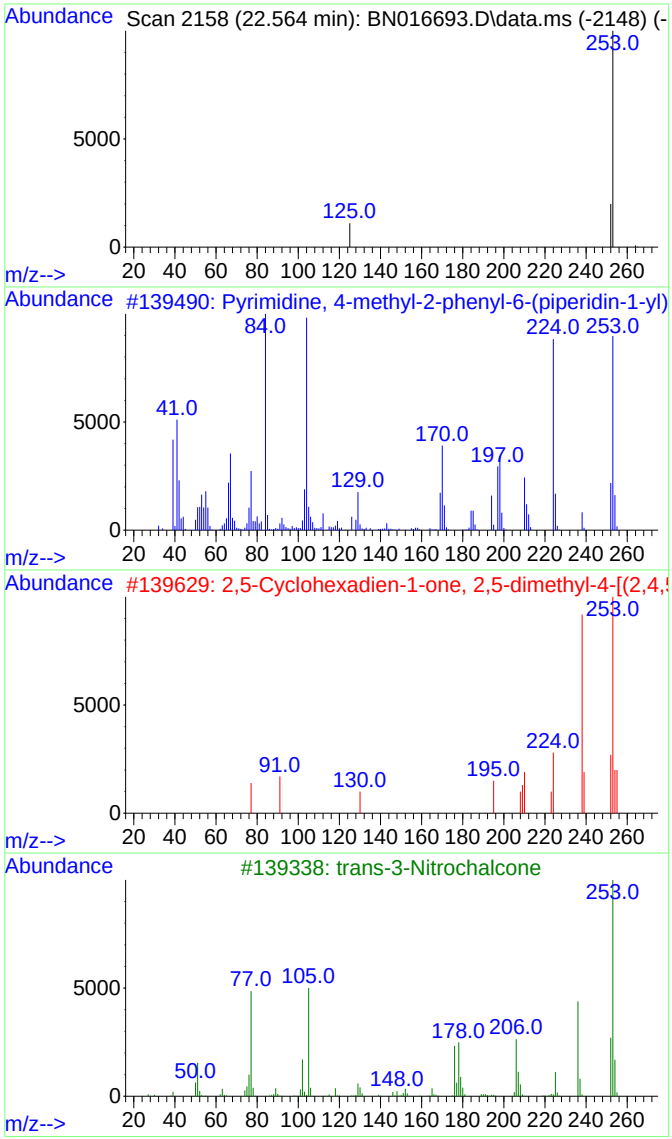
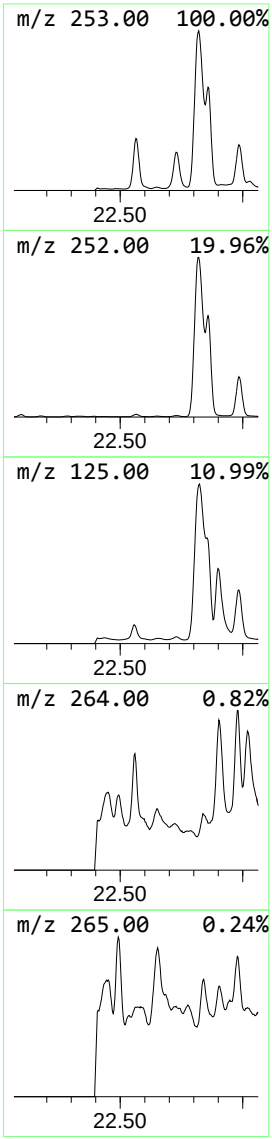
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Pyrimidine, 4-methyl-2-phen... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.564	0.66 ng	414040	Perylene-d12	23.491

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrimidine, 4-methyl-2-phenyl-6-...	253	C16H19N3	1000302-39-3	5
2	2,5-Cyclohexadien-1-one, 2,5-dim...	253	C17H19NO	054245-93-1	5
3	trans-3-Nitrochalcone	253	C15H11NO3	024721-24-2	5
4	1-(4-Fluorophenyl)-3-phenyl-1H-p...	253	C15H12FN3	072411-51-9	5
5	N-(4-Phenyl-1,3-thiazol-2-yl)-2-...	253	C14H11N3S	1000485-04-5	5





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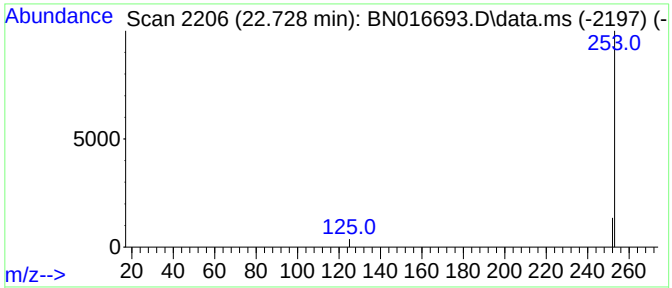
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

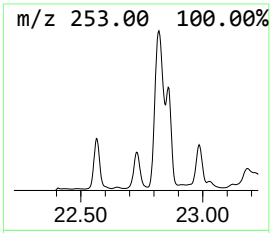
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

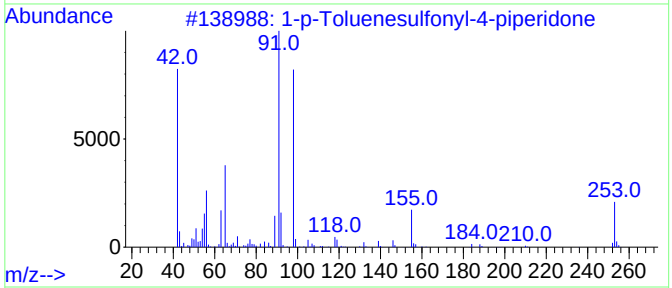
****
Peak Number 5 1-p-Toluenesulfonyl-4-piper... Concentration Rank 15

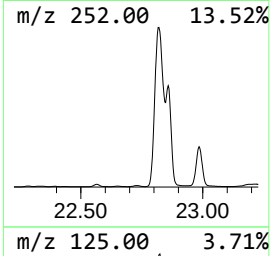
R.T.	EstConc	Area	Relative to ISTD	R.T.
22.728	0.42 ng	262411	Perylene-d12	23.491

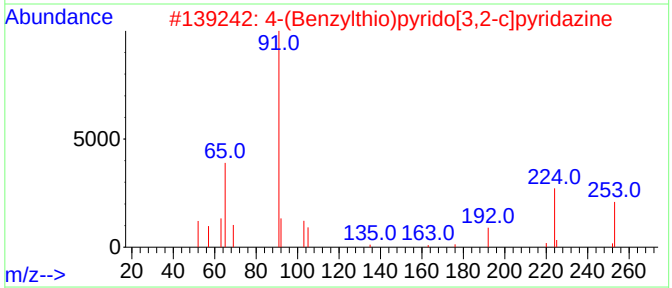
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-p-Toluenesulfonyl-4-piperidone	253	C12H15NO3S	033439-27-9	4
2	4-(Benzylthio)pyrido[3,2-c]pyrid...	253	C14H11N3S	1000326-92-1	3
3	Thiophene-2-carboxamide, N-ethyl...	253	C14H23NOS	1000415-31-0	3
4	Sarcosine, N-(3-fluorobenzoyl)-,...	253	C13H16FNO3	1000321-38-5	3
5	p-Toluylamide, N-(2-phenylethyl)...	253	C17H19NO	1010451-68-2	3

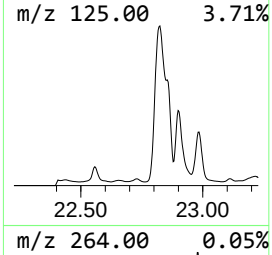


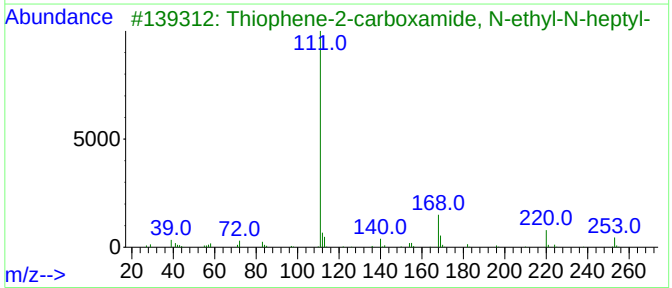


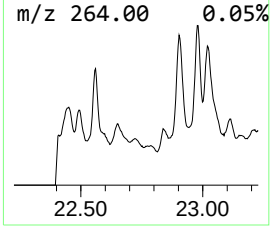












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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

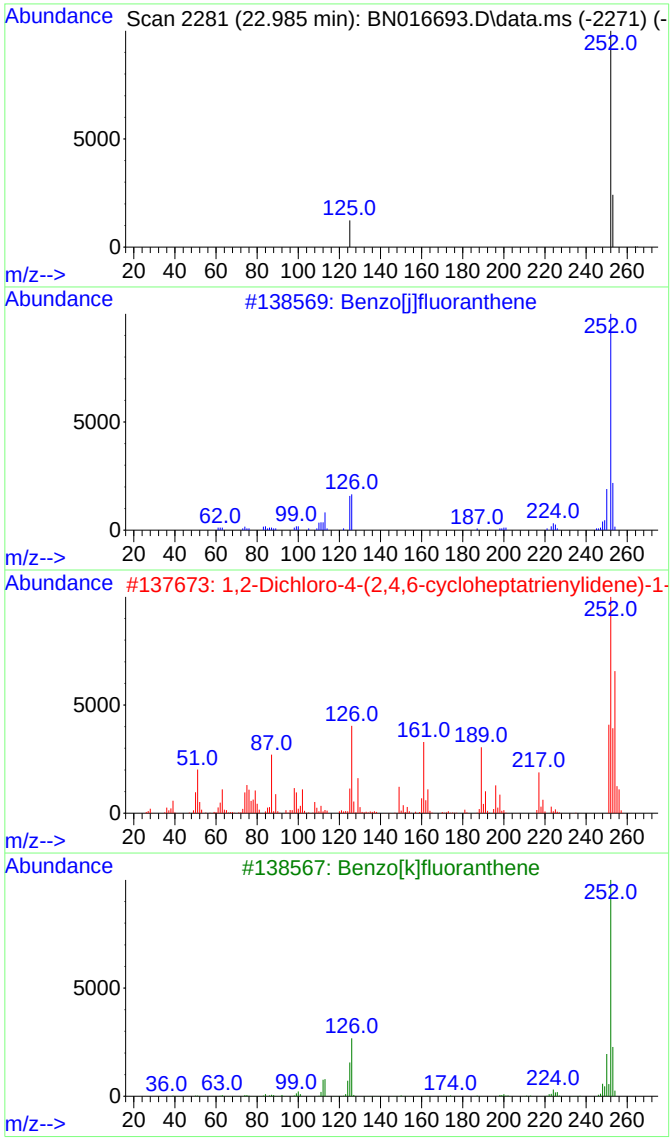
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

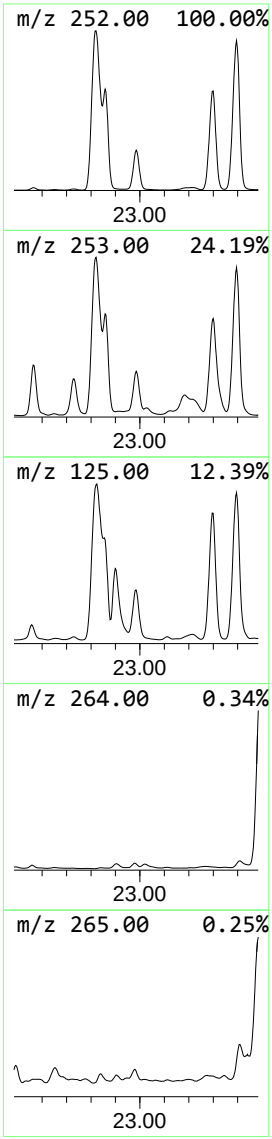
****

Peak Number 6 Benzo[j]fluoranthene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.985	2.54 ng	1594360	Perylene-d12	23.491

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[j]fluoranthene	252	C20H12	000205-82-3	9
2	1,2-Dichloro-4-(2,4,6-cyclohepta...	252	C12H6Cl2O2	033548-00-4	9
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	9
4	1-Amino-4-(phenylthio)isoquinoline	252	C15H12N2S	019653-19-1	9
5	Benzo[e]pyrene	252	C20H12	000192-97-2	9





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Acq On : 03 Oct 2021 05:48
Operator : CG/JU
Sample : M3892-08
Misc :
ALS Vial : 61 Sample Multiplier: 1

Instrument :
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ClientSampleId :
S-823-N-SO-1-1.5-092221

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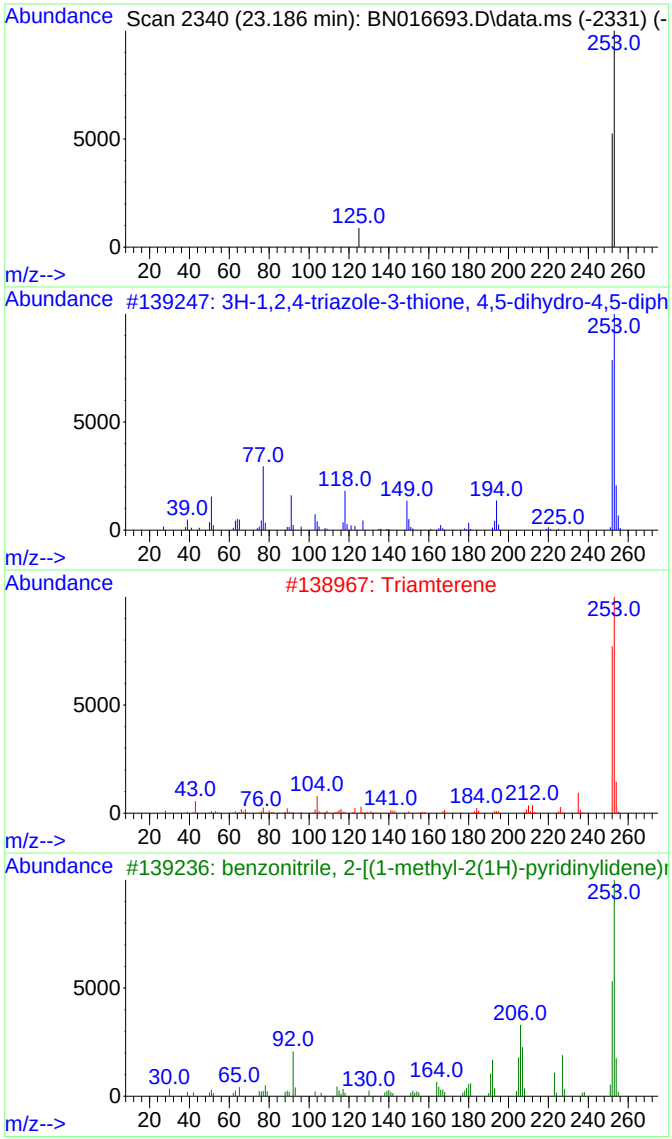
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

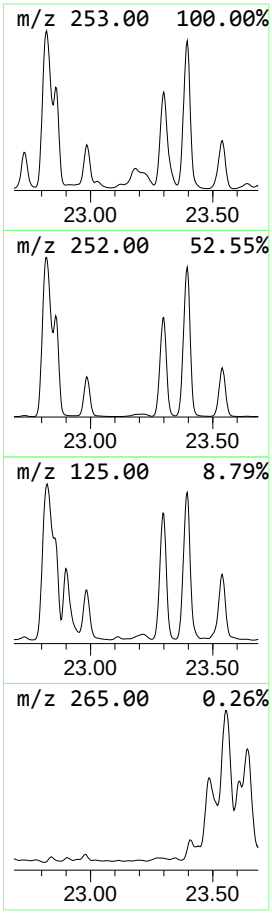
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 3H-1,2,4-triazole-3-thione,... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.186	0.26 ng	163210	Perylene-d12	23.491

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3H-1,2,4-triazole-3-thione, 4,5-...	253	C14H11N3S	1000396-68-6	7
2	Triamterene	253	C12H11N7	000396-01-0	7
3	benzonitrile, 2-[(1-methyl-2(1H)...	253	C14H11N3O2	1000396-68-1	5
4	5-Dimethylamino-1-naphthalenesul...	253	C12H12FNO2S	1000342-78-6	5
5	2-(2-Furyl)-7-methyl-4-quinoline...	253	C15H11NO3	1000225-08-8	5





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Misc :
ALS Vial : 61 Sample Multiplier: 1

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ClientSampleId :
S-823-N-SO-1-1.5-092221

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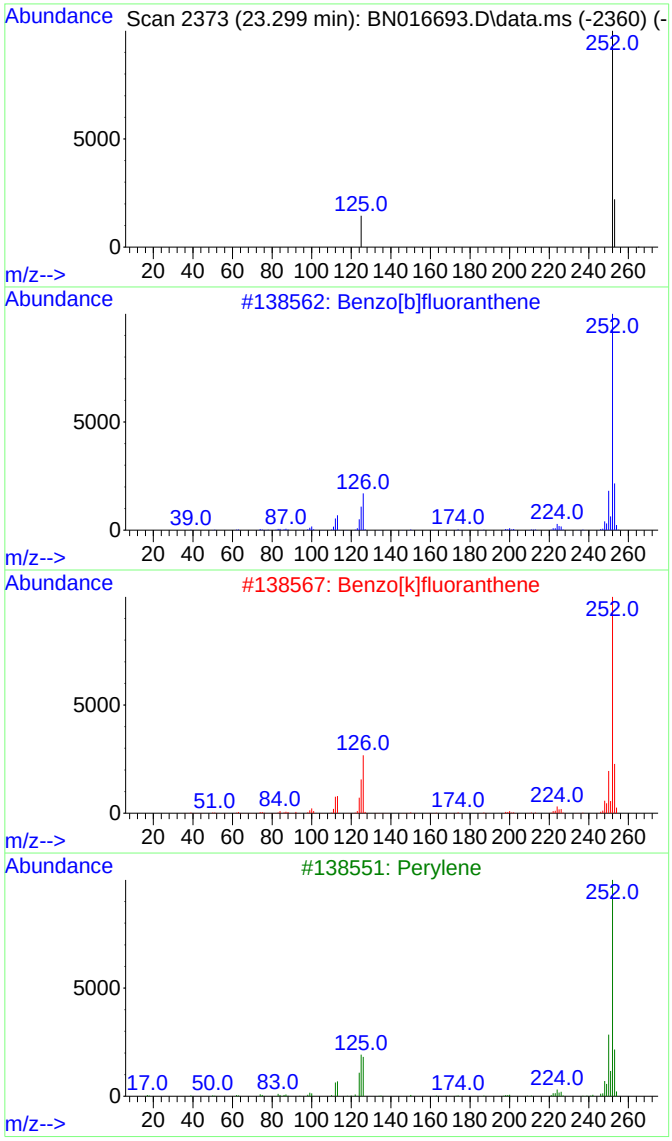
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

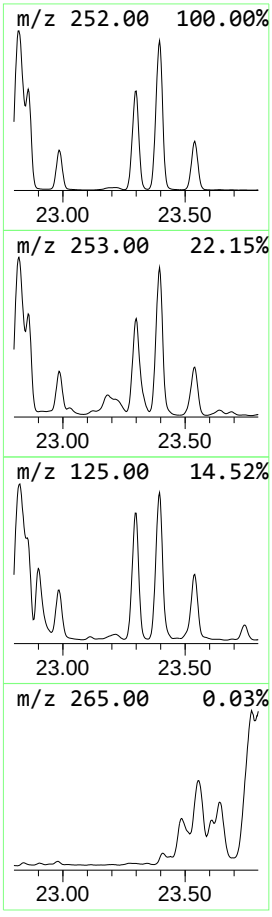
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Benzo[b]fluoranthene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.299	6.33 ng	3971750	Perylene-d12	23.491

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]fluoranthene	252	C20H12	000205-99-2	9
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	9
3	Perylene	252	C20H12	000198-55-0	9
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	9
5	Benzo[a]pyrene	252	C20H12	000050-32-8	9





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Misc :
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Instrument : BNA_N
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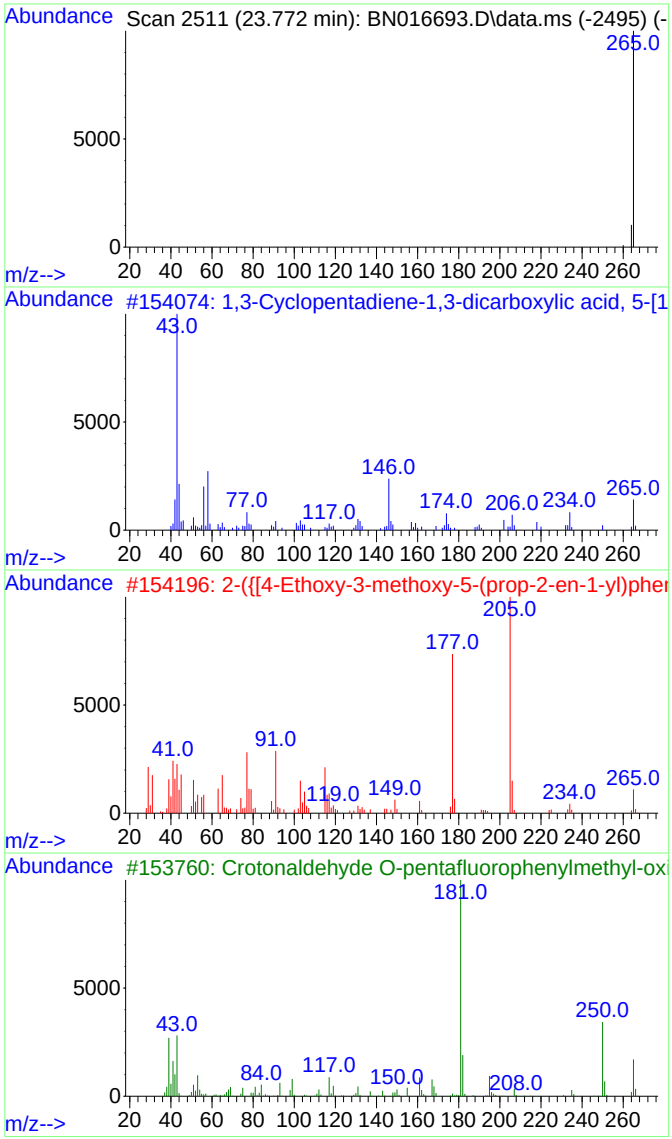
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

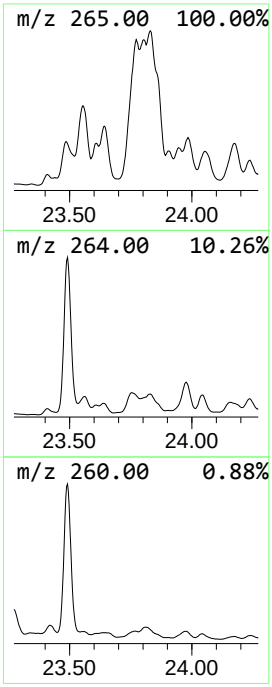
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 1,3-Cyclopentadiene-1,3-dic... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.772	0.46 ng	288771	Perylene-d12	23.491

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclopentadiene-1,3-dicarbox...	265	C14H19NO4	014469-80-8	4
2	2-({[4-Ethoxy-3-methoxy-5-(prop-...	265	C15H23NO3	1010409-73-3	4
3	Crotonaldehyde O-pentafluorophen...	265	C11H8F5NO	932710-52-6	4
4	2-Amino-4-bromo-6-chlorophenol, ...	263	C8H7BrClNO2	1000504-42-3	4
5	Benzamide, 3,4-dimethoxy-N-hexyl-	265	C15H23NO3	1000408-00-6	4





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TIC Library : C:\Database\NIST20.L
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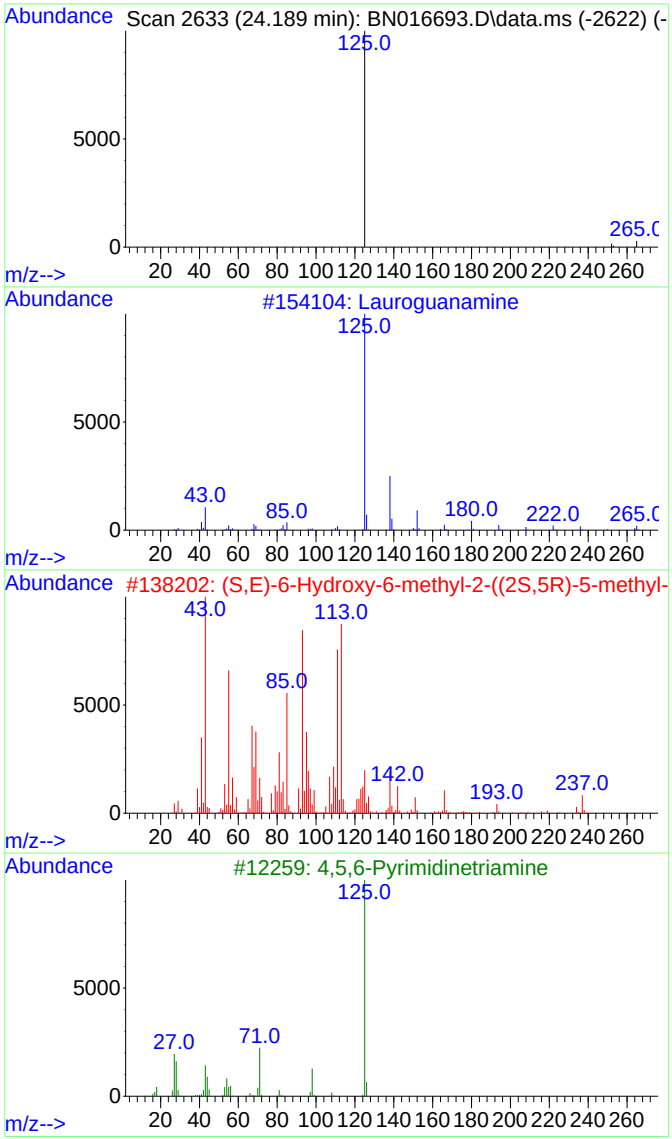
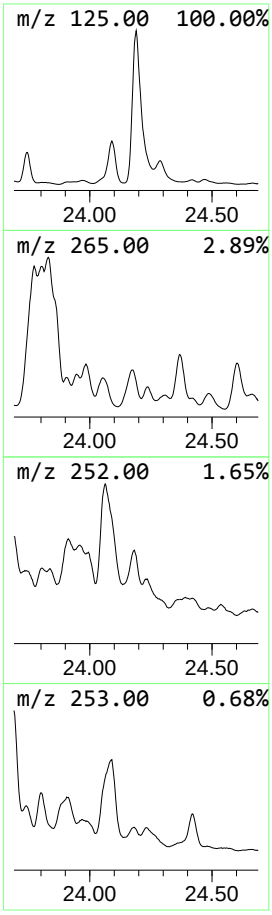
****

Peak Number 10 Lauroguanamine Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.189	0.58 ng	366289	Perylene-d12	23.491

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Lauroguanamine	265	C14H27N5	002533-34-8	4
2	(S,E)-6-Hydroxy-6-methyl-2-((2S,...	252	C15H24O3	088243-64-5	3
3	4,5,6-Pyrimidinetriamine	125	C4H7N5	000118-70-7	2
4	3-Fluoro-2-methylaniline	125	C7H8FN	000443-86-7	2
5	5-Fluoro-2-methylaniline	125	C7H8FN	000367-29-3	2





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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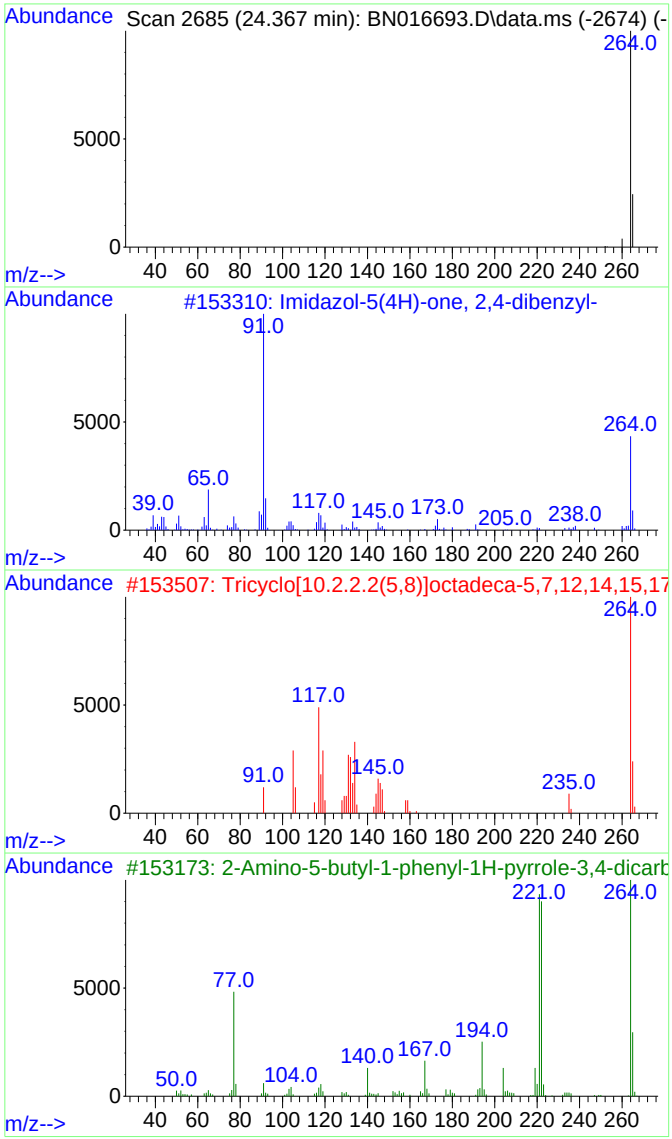
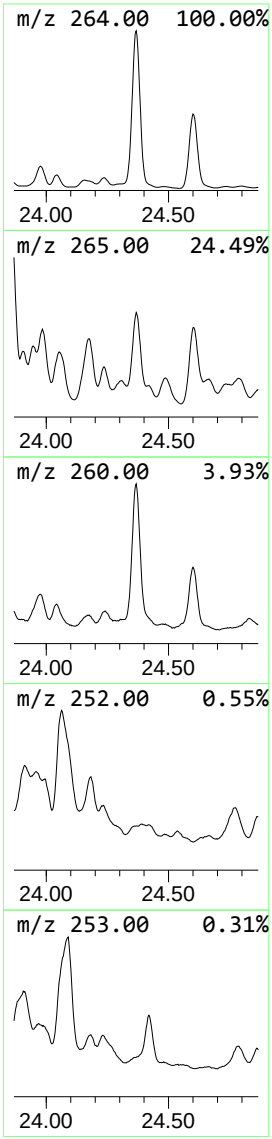
****
Peak Number 11 Imidazol-5(4H)-one, 2,4-dib... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.367	0.56 ng	349227	Perylene-d12	23.491

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Imidazol-5(4H)-one, 2,4-dibenzyl-	264	C17H16N2O	097978-58-0	9
2	Tricyclo[10.2.2.2(5,8)]octadeca-...	264	C20H24	024777-38-6	5
3	2-Amino-5-butyl-1-phenyl-1H-pyrr...	264	C16H16N4	1000327-04-8	5
4	2-Phenyl-5,6,7,8-tetrahydrofuro[...	264	C17H16N2O	1347725-43-2	5
5	1-Cyclohexanone, 2-(2,4,5-trimet...	264	C15H20O4	1000197-91-7	5





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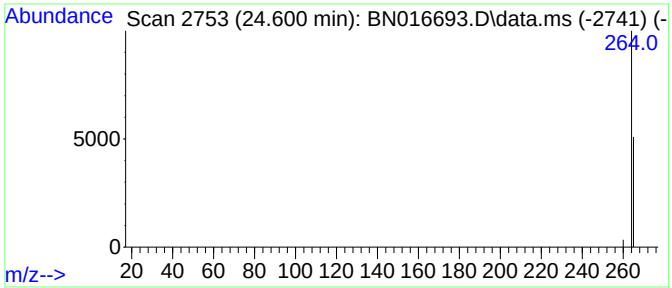
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

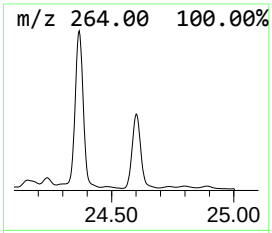
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

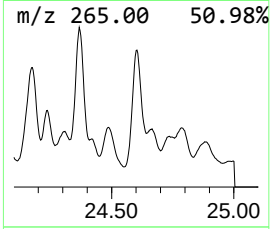
****
Peak Number 12 1(3H)-Isobenzofuranone, 3-(... Concentration Rank 16

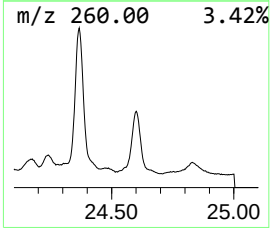
R.T.	EstConc	Area	Relative to ISTD	R.T.
24.600	0.39 ng	241716	Perylene-d12	23.491

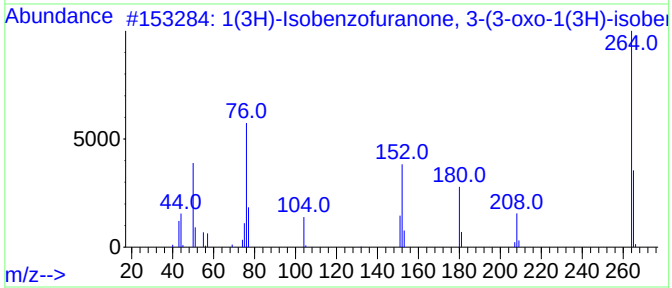
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1(3H)-Isobenzofuranone, 3-(3-oxo...	264	C16H8O4	019357-64-3	5
2	Pyrrolidine-3-carboxamide, N-(4-...	264	C14H17FN2O2	351067-39-5	5
3	butanoic acid, 2-(4-acetylphenox...	264	C14H16O5	1000396-86-8	4
4	tert-Butylpentafluorophenylcarbo...	264	C11H9F5N2	120672-64-2	4
5	(2,5-dimethoxyphenyl)(4-methylpi...	264	C14H20N2O3	1000455-18-8	4

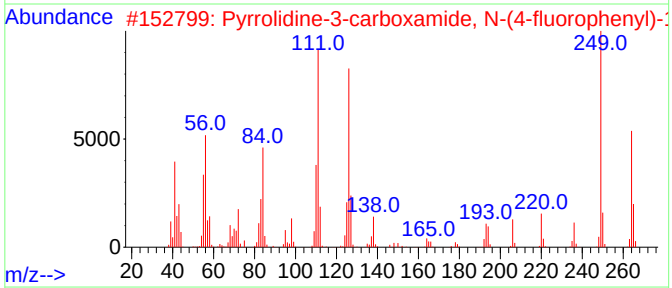


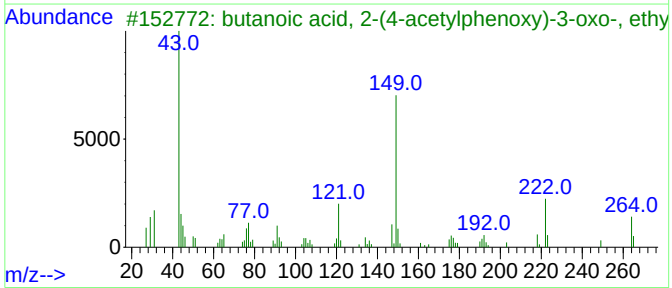












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Sample : M3892-08
Misc :
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Instrument : BNA_N
ClientSampleId : S-823-N-SO-1-1.5-092221

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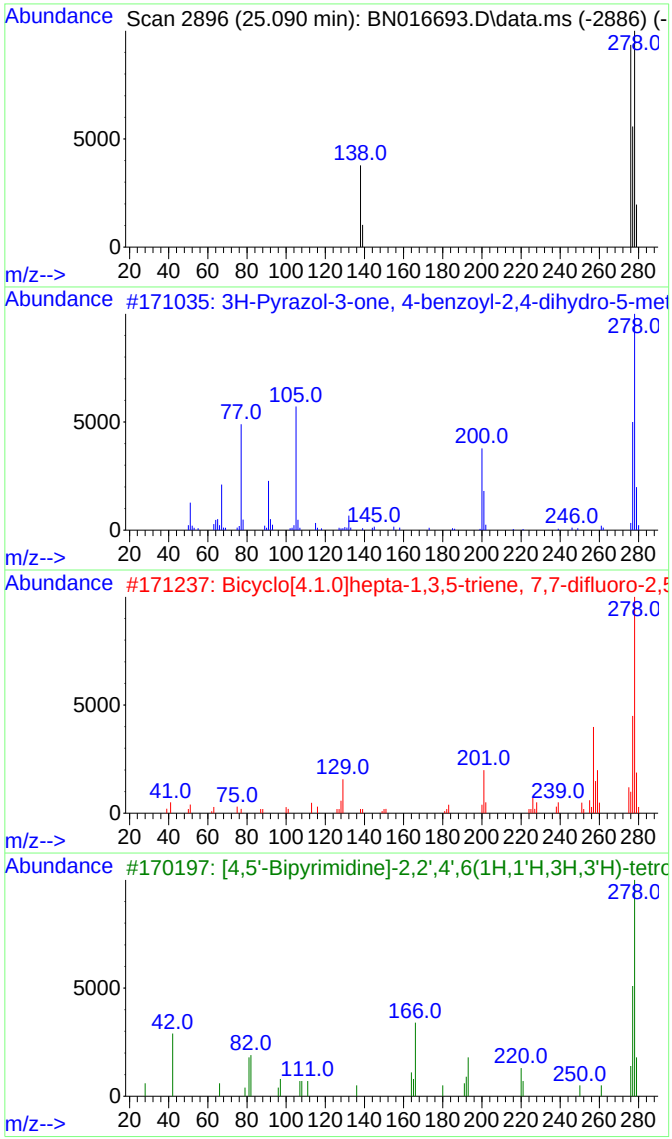
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

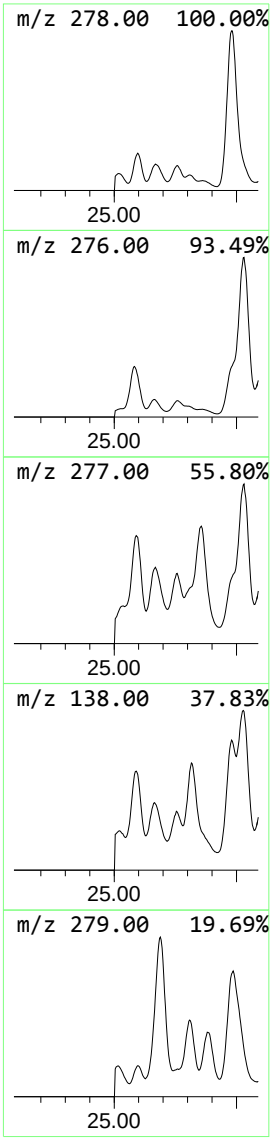
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 3H-Pyrazol-3-one, 4-benzoyl... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.090	0.37 ng	234256	Perylene-d12	23.491

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3H-Pyrazol-3-one, 4-benzoyl-2,4-...	278	C17H14N2O2	004551-69-3	40
2	Bicyclo[4.1.0]hepta-1,3,5-triene...	278	C19H12F2	052326-84-8	40
3	[4,5'-Bipyrimidine]-2,2',4',6(1H...	278	C12H14N4O4	062880-87-9	40
4	3-Methoxy-2-phenylcinchoninamide	278	C17H14N2O2	1000252-14-6	38
5	Quinazolin-4(3H)-one, 2-[2-(hydr...	278	C17H14N2O2	050830-07-4	38





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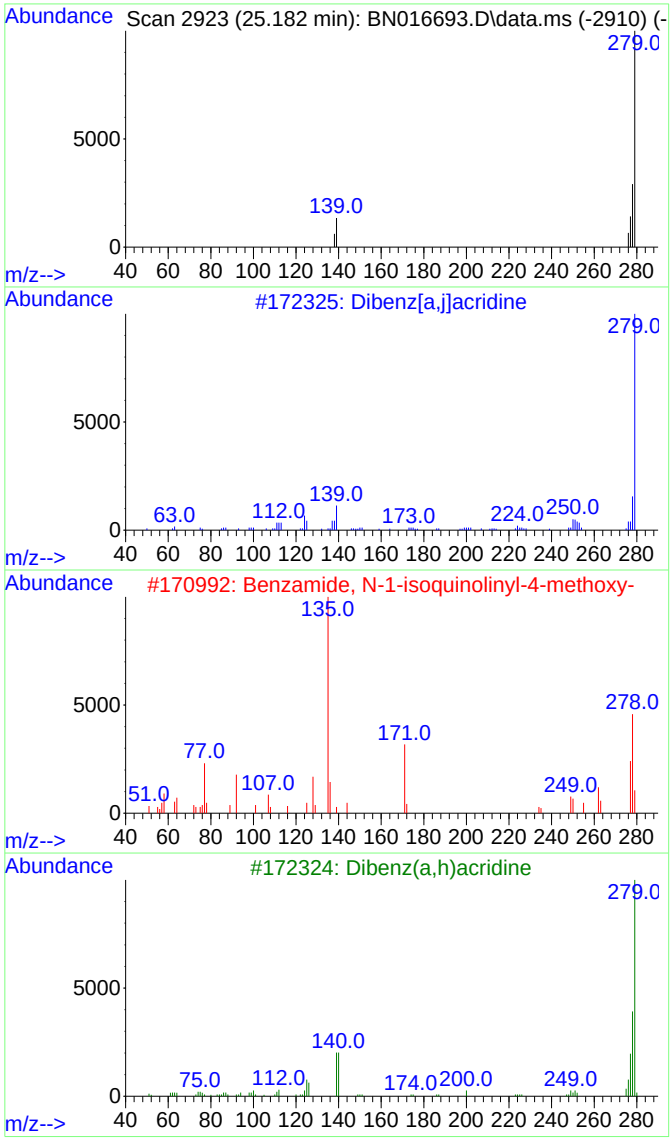
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

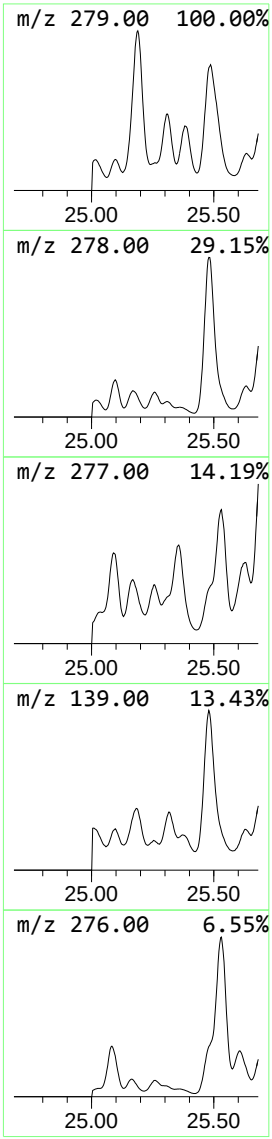
****

Peak Number 14 Dibenz[a,j]acridine Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.182	0.37 ng	231978	Perylene-d12	23.491

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenz[a,j]acridine	279	C21H13N	000224-42-0	56
2	Benzamide, N-1-isoquinolinyl-4-m...	278	C17H14N2O2	040339-91-1	5
3	Dibenz(a,h)acridine	279	C21H13N	000226-36-8	4
4	Benzenemethanol, 4,4'-sulfonylbis-	278	C14H14O4S	052123-62-3	4
5	3-Methyl-2-phenacylidene-1,2,3,4...	278	C17H14N2O2	1000286-35-8	4





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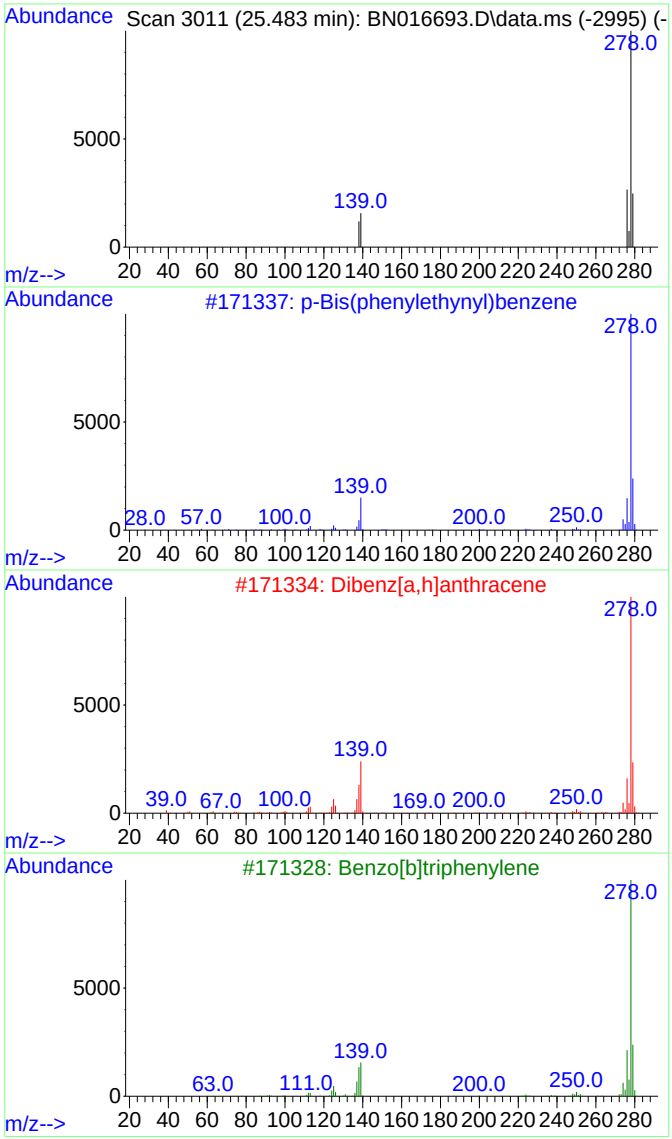
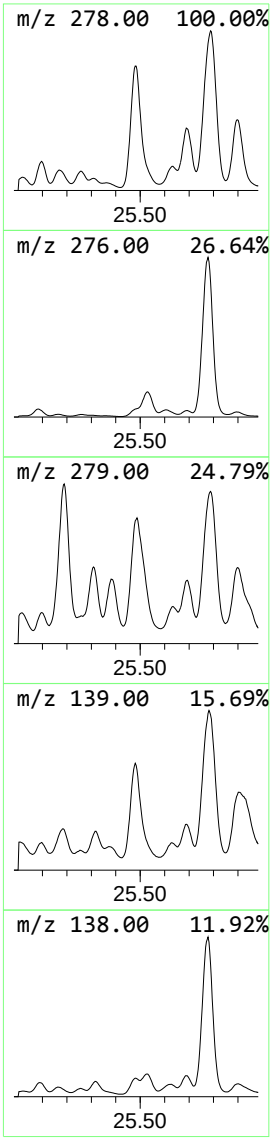
****
Peak Number 15 p-Bis(phenylethynyl)benzene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.483	1.21 ng	760436	Perylene-d12	23.491

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Bis(phenylethynyl)benzene	278	C22H14	001849-27-0	72
2	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	64
3	Benzo[b]triphenylene	278	C22H14	000215-58-7	64
4	Pentaphene	278	C22H14	000222-93-5	64
5	Picene	278	C22H14	000213-46-7	59





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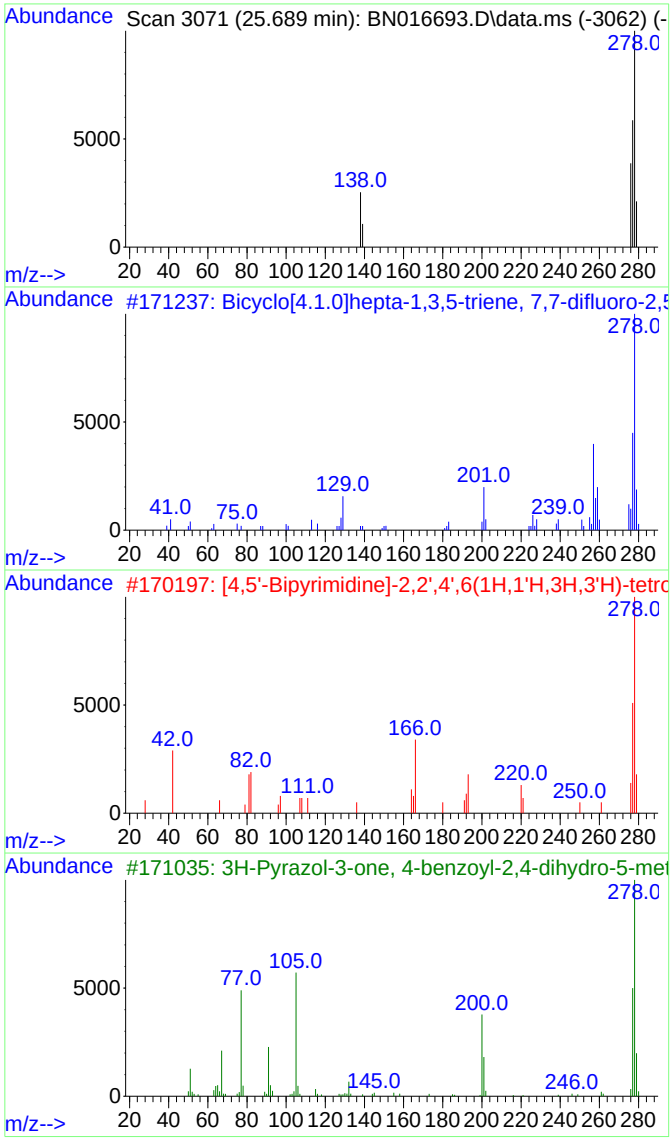
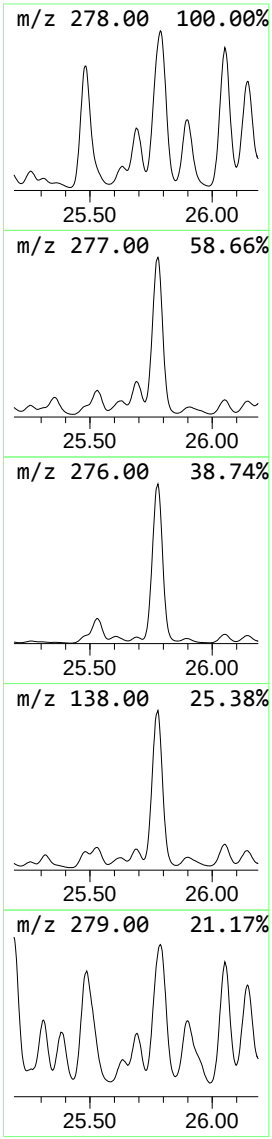
****
Peak Number 16 Bicyclo[4.1.0]hepta-1,3,5-t... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.689	0.44 ng	275060	Perylene-d12	23.491

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[4.1.0]hepta-1,3,5-triene...	278	C19H12F2	052326-84-8	50
2	[4,5'-Bipyrimidine]-2,2',4',6(1H...	278	C12H14N4O4	062880-87-9	50
3	3H-Pyrazol-3-one, 4-benzoyl-2,4-...	278	C17H14N2O2	004551-69-3	50
4	4-Phosphaspiro[2.4]hept-5-ene, 4...	278	C19H19P	1000161-67-8	45
5	Quinazolin-4(3H)-one, 2-[2-(hydr...	278	C17H14N2O2	050830-07-4	45





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Data File : BN016693.D
Acq On : 03 Oct 2021 05:48
Operator : CG/JU
Sample : M3892-08
Misc :
ALS Vial : 61 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
S-823-N-SO-1-1.5-092221

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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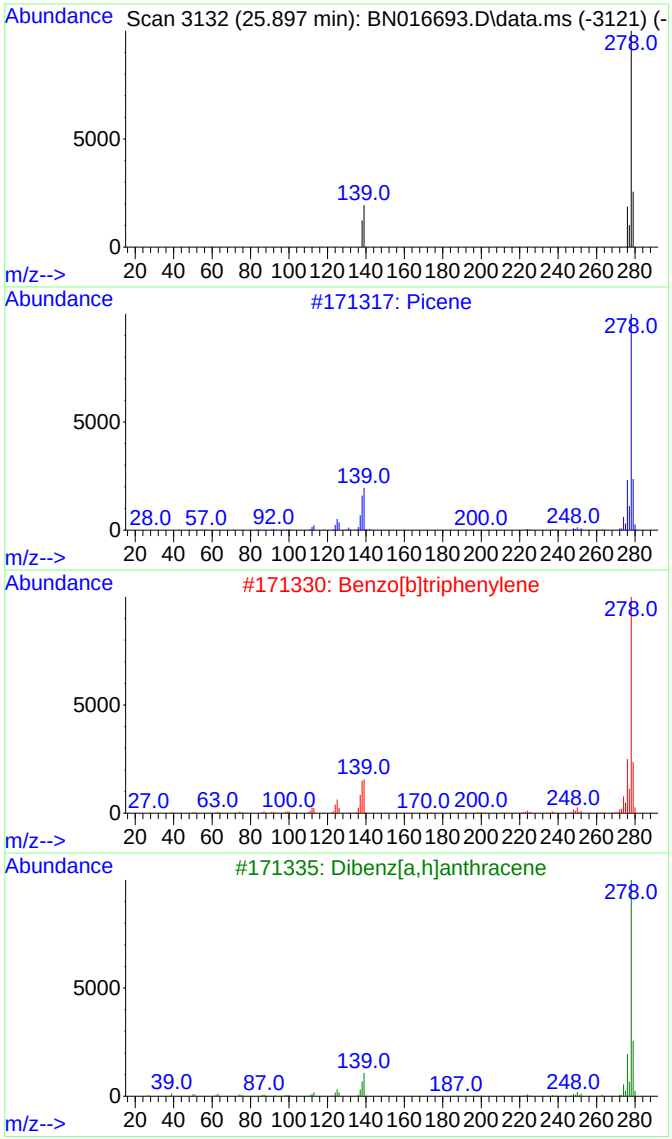
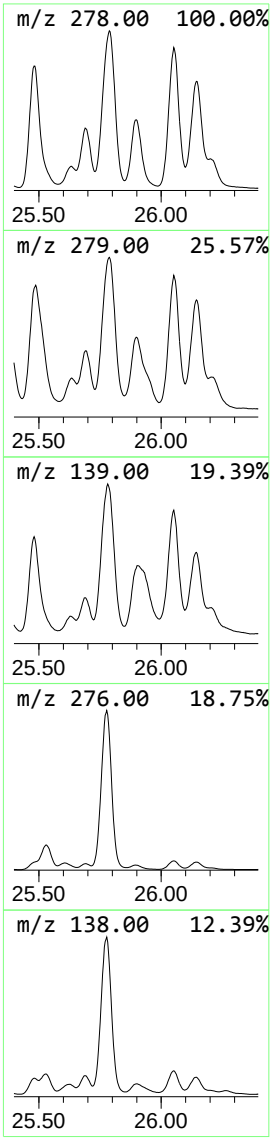
Peak Number 17 Picene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.897	0.82 ng	512213	Perylene-d12	23.491

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Picene	278	C22H14	000213-46-7	86
2	Benzo[b]triphenylene	278	C22H14	000215-58-7	86
3	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	78
4	Benz[a]anthracene-7,12-dicarboni...	278	C20H10N2	035215-32-8	74
5	1-naphthalenol, 4-[2-(4-methoxyp...	278	C17H14N2O2	1000397-12-8	64





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Data File : BN016693.D
Acq On : 03 Oct 2021 05:48
Operator : CG/JU
Sample : M3892-08
Misc :
ALS Vial : 61 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : S-823-N-SO-1-1.5-092221

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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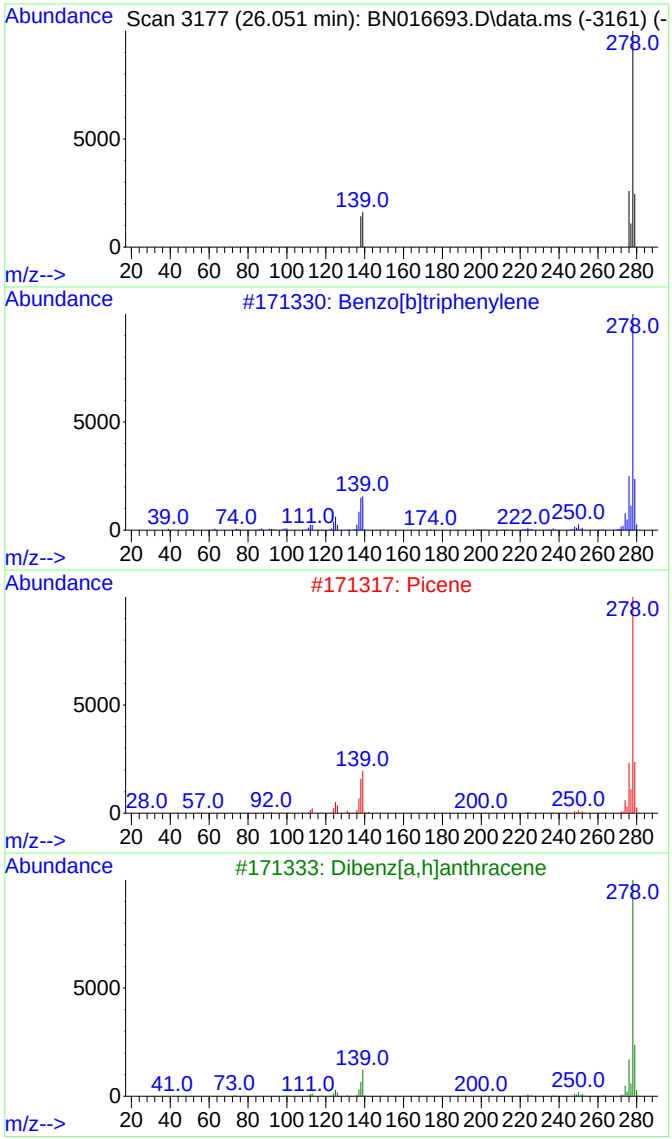
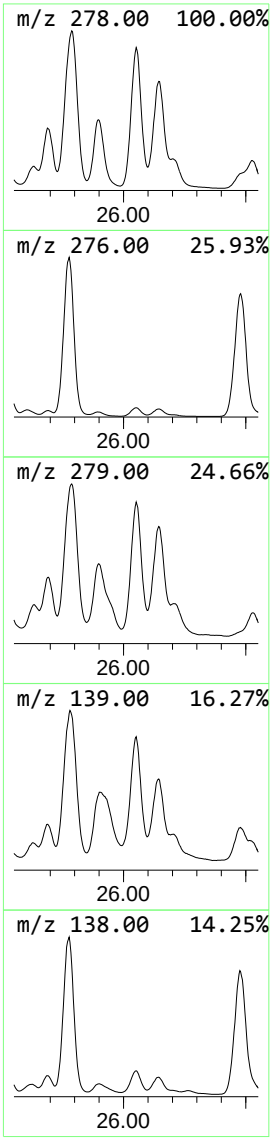
Peak Number 18 Benzo[b]triphenylene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.051	1.46 ng	913806	Perylene-d12	23.491

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]triphenylene	278	C22H14	000215-58-7	80
2	Picene	278	C22H14	000213-46-7	80
3	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	72
4	1-naphthalenol, 4-[2-(4-methoxyp...	278	C17H14N2O2	1000397-12-8	72
5	1H-1,4-Benzodiazepine-2,5-dione,...	278	C17H14N2O2	031965-37-4	56





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Data File : BN016693.D
Acq On : 03 Oct 2021 05:48
Operator : CG/JU
Sample : M3892-08
Misc :
ALS Vial : 61 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
S-823-N-SO-1-1.5-092221

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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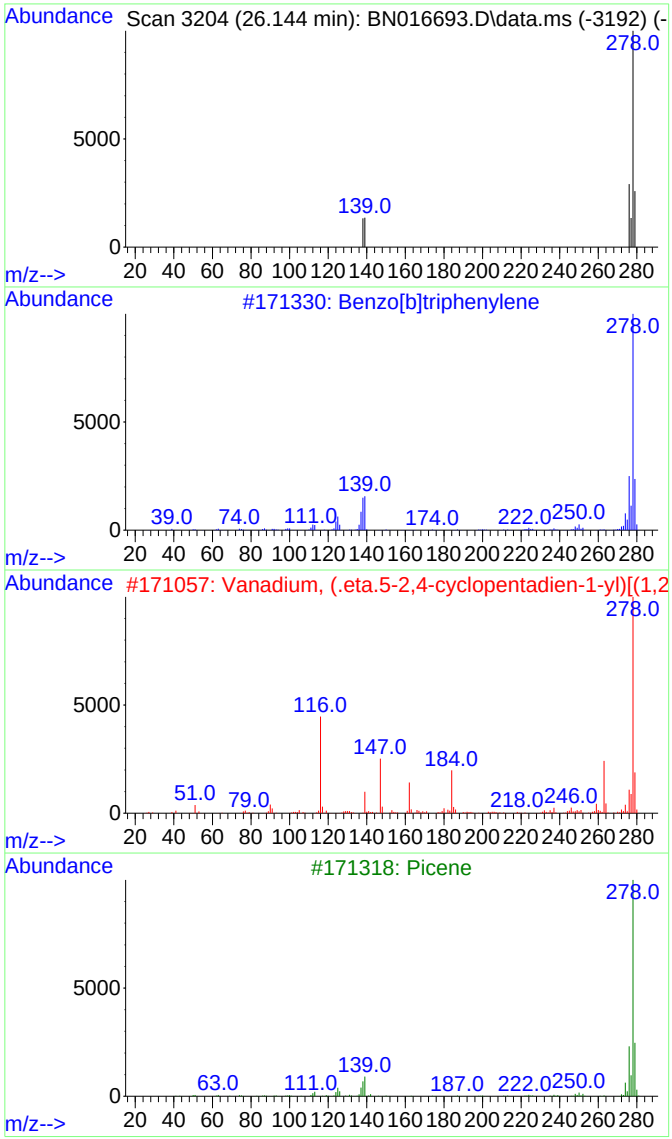
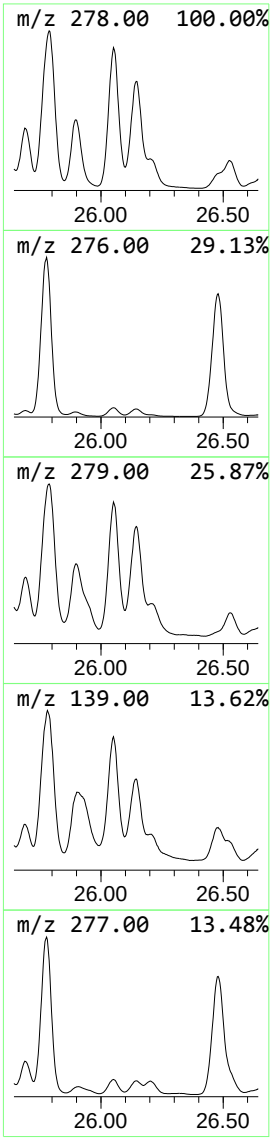
Peak Number 19 Benzo[b]triphenylene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.144	0.86 ng	538905	Perylene-d12	23.491

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]triphenylene	278	C22H14	000215-58-7	80
2	Vanadium, (.eta.5-2,4-cyclopenta...	278	C17H23V	126948-97-8	78
3	Picene	278	C22H14	000213-46-7	72
4	1-naphthalenol, 4-[2-(4-methoxyp...	278	C17H14N2O2	1000397-12-8	72
5	Pentaphene	278	C22H14	000222-93-5	72





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Data File : BN016693.D
Acq On : 03 Oct 2021 05:48
Operator : CG/JU
Sample : M3892-08
Misc :
ALS Vial : 61 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
S-823-N-SO-1-1.5-092221

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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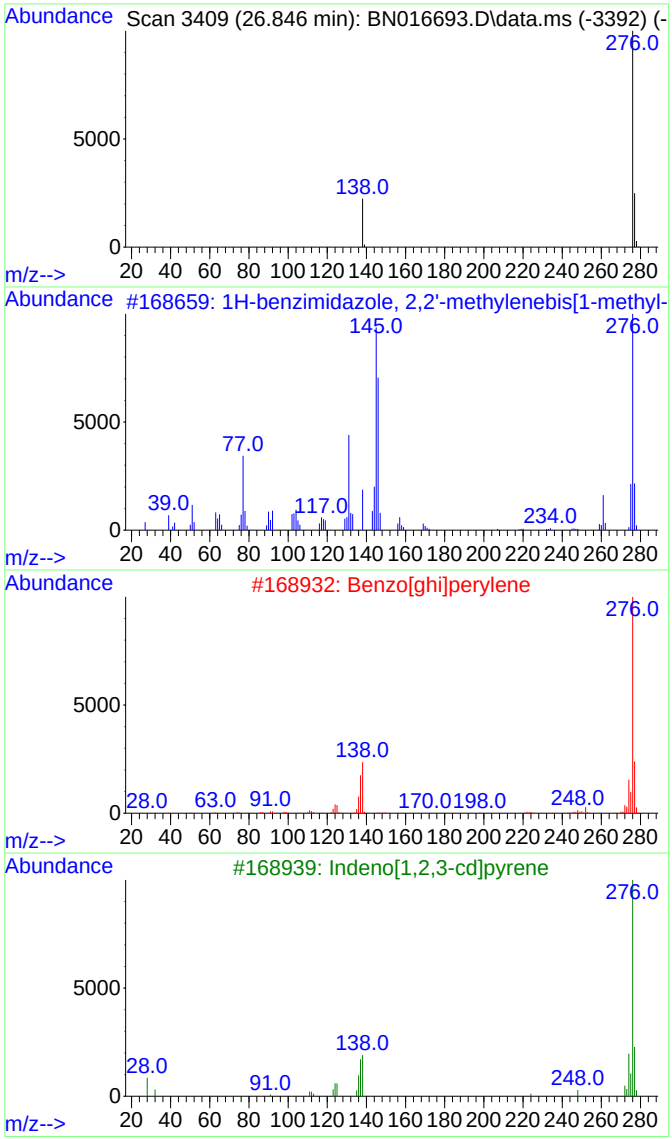
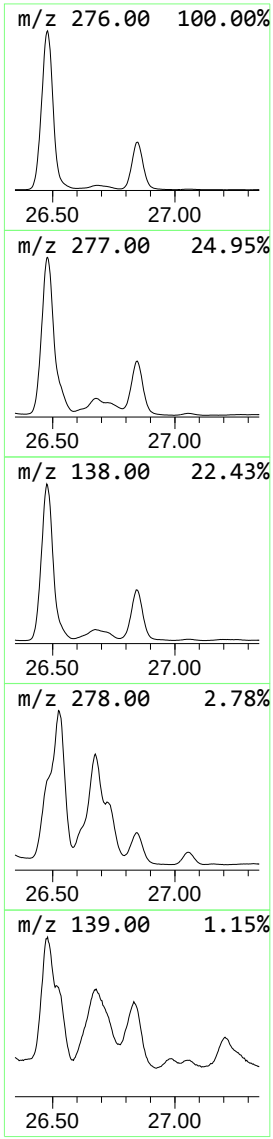
Peak Number 20 1H-benzimidazole, 2,2'-meth... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.846	1.58 ng	990559	Perylene-d12	23.491

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-benzimidazole, 2,2'-methylene...	276	C17H16N4	1000401-82-9	83
2	Benzo[ghi]perylene	276	C22H12	000191-24-2	83
3	Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	83
4	Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	83
5	1-(4-Hydroxy-3-methoxyphenyl)dec...	276	C17H24O3	000555-66-8	74





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100121\
Data File : BN016693.D
Acq On : 03 Oct 2021 05:48
Operator : CG/JU
Sample : M3892-08
Misc :
ALS Vial : 61 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
S-823-N-SO-1-1.5-092221

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane	7.937	2.2	ng	610845	1	7.642	112263	0.4
Isopropyl isoth...	10.191	0.3	ng	142088	2	10.406	200606	0.4
2,2-Diphenyleth...	16.007	0.5	ng	306561	4	17.017	237634	0.4
Pyrimidine, 4-m...	22.564	0.7	ng	414040	6	23.491	250798	0.4
1-p-Toluenesulf...	22.728	0.4	ng	262411	6	23.491	250798	0.4
Benzo[j]fluoran...	22.985	2.5	ng	1594360	6	23.491	250798	0.4
3H-1,2,4-triazo...	23.186	0.3	ng	163210	6	23.491	250798	0.4
Benzo[b]fluoran...	23.299	6.3	ng	3971750	6	23.491	250798	0.4
1,3-Cyclopentad...	23.772	0.5	ng	288771	6	23.491	250798	0.4
Lauroguanamine	24.189	0.6	ng	366289	6	23.491	250798	0.4
Imidazol-5(4H)-...	24.367	0.6	ng	349227	6	23.491	250798	0.4
1(3H)-Isobenzof...	24.600	0.4	ng	241716	6	23.491	250798	0.4
3H-Pyrazol-3-on...	25.090	0.4	ng	234256	6	23.491	250798	0.4
Dibenz[a,j]acri...	25.182	0.4	ng	231978	6	23.491	250798	0.4
p-Bis(phenyleth...	25.483	1.2	ng	760436	6	23.491	250798	0.4
Bicyclo[4.1.0]h...	25.689	0.4	ng	275060	6	23.491	250798	0.4
Picene	25.897	0.8	ng	512213	6	23.491	250798	0.4
Benzo[b]triphen...	26.051	1.5	ng	913806	6	23.491	250798	0.4
Benzo[b]triphen...	26.144	0.9	ng	538905	6	23.491	250798	0.4
1H-benzimidazol...	26.846	1.6	ng	990559	6	23.491	250798	0.4